

## **REMARKS**

Very thanks for Examination's suggestion and thanks for finding some citations about the present invention, thereby, the applicant may know more information about the invention. This case has been carefully reviewed and analyzed in view of the office action.

Responsive to the objections and rejections made of the Examiner in office action. We have amended the specification, claims and abstracts. All the errors disclosed in that office action has been corrected according to the Examiner's indications disclosed in the official action.

Examiner has kindly provides reference prior arts about the present invention, and thus the applicant has more information about the invention. All details of the reference prior arts are fully considered and compared with the present invention.

Indeed the citations disclose some features of the present invention, and the applicant agrees with these viewpoints, however applicant discovers that some features of the present invention are not wholly disclosed by the citations, which are claimed in the original specifications and especially drawings. Thereby, the applicant desires to get the patent rights of these features.

The applicant decides to cancel Claim 1, without prejudice or disclaimer of the subject matter thereof, and add new claim 2. The new claim 2 is just the copy of the paragraphs 2 to 6 of the description of the invention. Thereby, it is assured that the new claims are based on the original claims and thus no new matter is added. The relations of the new claim with respect to the original disclosure are shown in the following Remark. By that, Examiner can read the claim easily and rapidly.

## **LISTING OF CLAIMS**

Claim 2. (New claim) A cable lock comprising:

a body 2 having a key hole 20 in a lower side, a fix hole 21 and

a insert hole 22 spaced apart in an upper side, and a pin hole 23 in a vertical side communicating with the fix hole 21 for a fix pin 24 to fit firmly therein;

a cable 3 combined with the body 2, having good flexibility to freely bend, and the tubular cover fits around and protects the cable 3, made up with plural metal rings continually connected with one another; each ring 4 having one end formed with a round projection 41 and the other end formed with a curved recess 42, so the round projection 41 of one ring 4 is engaged with the curved recess 42 of another ring 4 located next to each other so as to make up the tubular cover; thus the tubular cover is flexible to bend freely together with the cable 3;

a fix bolt 5 attached with one end of the cable 3, and then fixed firmly in the insert hole 21, having a hole 50 for one end of the cable 3 to fit firmly therein, and one end formed with a curved recess 51 for receiving the round projection 41 of the ring 4 and an annular groove 52 near the lower end;

a removable bolt 6 attached with the other end of the cable 3, and inserted in or pulled out of the insert hole 22 of the body 2, having a hole 60 on an upper end for one end of the cable 3 to fit firmly therein, and a round projection 61 on a lower end for the curved recess 42 to fit with and an annular groove 62 near the upper end.

wherein in assembling, the metal rings are continually connected with one another around the cable 3, with the round projections 41 of one ring 4 engaging with the curved recess 42 of a neighboring ring 4; then insert one end of the cable 3 firmly in the hole 50 of the fix bolt 5, and subsequently press sidewise the fix bolt 5 to sandwich tightly the end of the cable 3 therein; next, insert the other end of the cable 3 in the hole 60 of the removable bolt 6, and press

sidewise the removable bolt 6 to sandwich tightly the other end of the cable 3 therein; thus, the tubular cover and the fix bolt 5 and the removable bolt 6 are secured with the cable 3; then the fix bolt 5 is inserted in the fix hole 21 and insert the fix pin 24 in the lock hole 23, with the inner end of the fix pin 24 fitting in the annular groove 52 of the fix bolt 5 so that the fix bolt 5 is secured in the body 2; thus the cable lock is finished in its assembly.

## DISCUSSION ABOUT THE NOVELTY OF THE PRESENT INVENTION

### (1) For the rejection of citation USP 1,394,259

As referring to the citation, USP 1,394,259 (see Figs. 2 and 4 of the citation), it can found that the citation has no element corresponding to the fix bolt 5 and removable bolt 6.

(a) In the present invention, the "fix bolt 5 attached with one end of the cable 3, and then fixed firmly in the insert hole 21, having a hole 50 for one end of the cable 3 to fit firmly therein, and one end formed with a curved recess 51 for receiving the round projection 41 of the ring 4 and an annular groove 52 near the lower end;"

However, the citation, USP 1,394,259 has no the elements corresponding to the elements 50, 52, see Fig. 2 of the present invention.

(b) In the present invention, "a removable bolt 6 attached with the other end of the cable 3, and inserted in or pulled out of the insert hole 22 of the body 2, having a hole 60 on an upper end for one end of the cable 3 to fit firmly therein, and a round projection 61 on a lower end for the curved recess 42 to fit with and an annular groove 62 near the upper end."

However, the citation, USP 1,394,259 has no the elements corresponding to the elements 60, 61, 62, see Fig. 2 of the present invention.

(c) Furthermore, in the present invention, "a body 2 having a key hole 20 in a lower side, a fix hole 21 and an insert hole 22 spaced apart in an upper side, and a pin hole 23 in a vertical side communicating with the fix hole 21 for a fix pin 24", but referring to Fig. 7 and 2 of the citation USP 1,566,965, it is

illustrated that the key hole and fix hole are at opposite sides, which is different from the present invention.

Thereby, most of the claimed elements in the new claim 2 of the present invention is not disclosed by the citation, USP 1,394,259. Thus the USP 1,394,259 is not sufficient to object the novelty of the present invention.

(2) For the rejection of citation USP 1,566,965

As referring to the citation, USP 1,566,965 (see Fig. 2 of the citation) , it can found that the citation has no element corresponding to the fix bolt 5 and removable bolt 6.

(a) In the present invention, the" fix bolt 5 attached with one end of the cable 3, and then fixed firmly in the insert hole 21, having a hole 50 for one end of the cable 3 to fit firmly therein, and one end formed with a curved recess 51 for receiving the round projection 41 of the ring 4 and an annular groove 52 near the lower end;"

However, the citation, USP 1,566,965 has no the elements corresponding to the elements 50, 52, see Fig. 2 of the present invention.

(b) In the present invention, "a removable bolt 6 attached with the other end of the cable 3, and inserted in or pulled out of the insert hole 22 of the body 2, having a hole 60 on an upper end for one end of the cable 3 to fit firmly therein, and a round projection 61 on a lower end for the curved recess 42 to fit with and an annular groove 62 near the upper end."

However, the citation, USP1,566,965 has no the elements corresponding to the elements 60, 61, 62, see Fig. 2 of the present invention.

(c) Furthermore, in the present invention, "a body 2 having a key hole 20 in a lower side, a fix hole 21 and an insert hole 22 spaced apart in an upper side, and a pin hole 23 in a vertical side communicating with the fix hole 21 for a fix pin 24", but referring to Fig. 7 and 2 of the citation USP 1,566,965, it is illustrated that the key hole and fix hole are at opposite sides, which is different from the present invention. Thereby, no pin hole (as 23 in the present invention) is formed in the citation.

(3) For the rejection of citation USP 6,725,962

As referring to the citation, USP 6,725,962 (see Figs. 10 and 17), it can be found that the citation has no element corresponding to the fix bolt 5 and removable bolt 6.

(a) In the present invention, the "fix bolt 5 attached with one end of the cable 3, and then fixed firmly in the insert hole 21, having a hole 50 for one end of the cable 3 to fit firmly therein, and one end formed with a curved recess 51 for receiving the round projection 41 of the ring 4 and an annular groove 52 near the lower end;"

However, the citation, USP 6,725,962 has no the elements corresponding to the elements 50, 52, see Fig. 2 of the present invention.

(b) In the present invention, "a removable bolt 6 attached with the other end of the cable 3, and inserted in or pulled out of the insert hole 22 of the body 2, having a hole 60 on an upper end for one end of the cable 3 to fit firmly therein, and a round projection 61 on a lower end for the curved recess 42 to fit with and an annular groove 62 near the upper end."

However, the citation, USP 6,725,962 has no the elements corresponding to the elements 60, 61, 62, see Fig. 2 of the present invention.

(c) Furthermore, in the present invention, "a body 2 having a key hole 20 in a lower side, a fix hole 21 and an insert hole 22 spaced apart in an upper side, and a pin hole 23 in a vertical side communicating with the fix hole 21 for a fix pin 24", but referring to Fig. 10 and 17 of the citation USP 6,725,962 it is illustrated no pin hole (as 23 in the present invention) is formed in the citation.

Thereby, most of the claimed elements in the new claim 2 of the present invention is not disclosed by the citation, USP 6,725,962. Thus the USP 6,725,962 is not sufficient to object the novelty of the present invention.

(4) For the combination of the three citations USP 1,394,259, USP 1,566,965, USP 6,725,962.

Since none of the above mentioned three citations, USP 1,394,259, USP

1,566,965, USP6,725,962, has disclosed in the fix bolt 5, removable bolt 6, and pin hole 23, the combination of the USP 1,394,259, USP 1,566,965, USP6,725,962. still has the features of above mentioned elements. Thereby, the combination of the three citations can not be used to object the present invention.

**(B) RESULT**

Since in above discussion, it is apparent that no prior art has the features of the present invention, especially in new claim 2. Furthermore, as we know that no other prior art has features of the present invention. Thus, the present invention is novel and inventive.

**Applicant requests and authorizes Examiner to amend the claims of the present invention so that the claim and specification can match the requirement of U. S. Patent. Attentions of Examiner to this matter is greatly appreciated.**

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectively requested.

Respectfully submitted.

LIU Mo

Dated: 09 / 29 / 2004